

From	To
George Robin/R9/USEPA/US	"Salera, Jerry@DOC" <Jerry.Salera@conservation.ca.gov>
CC	BCC
Michele Dermer/R9/USEPA/US@EPA	David Albright/R9/USEPA/US
Subject	Date/Time
Re: Formal Submission of Minor Aquifer Exemption Application - Cat Canyon Oil Field, Sisquoc Aquifer	02/15/2013 09:39 AM

### Item Body

Hi Jerry,

Thank you for your heads-up email and electronic documents regarding the Ca DOGGR's formal submission for Aquifer Exemption petition.

Please send the Aquifer Exemption petition for the subject portion of the Cat Canyon Oilfield to Michele Dermer, Acting Manager, Ground Water Office, at the same address as my closing signature's information.

I haven't had time thus far to examine the material in detail, but anticipate that we can readily verify the items that you highlighted.

Please recall our earlier conversations that EPA's "45-day Clock" will become active upon receipt of this case's formal package of material.

George  
George Robin (robin.george@epa.gov)  
Engineer, Underground Injection Control

US EPA, Region IX                      Phone (415) 972-3532  
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"Salera, Jerry@DOC" ---02/12/2013 06:46:39 PM---Hi Michele and George, I am formally submitting this minor aquifer exemption application for EPA's c

From: "Salera, Jerry@DOC" <Jerry.Salera@conservation.ca.gov>  
To: Michele Dermer/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA,  
Cc: David Albright/R9/USEPA/US@EPA  
Date: 02/12/2013 06:46 PM  
Subject: Formal Submission of Minor Aquifer Exemption Application - Cat Canyon Oil Field, Sisquoc Aquifer

Hi Michele and George,

















I am formally submitting this minor aquifer exemption application for EPA's consideration and approval. The files attached are enumerated below. Most of the maps and data have been previously submitted for initial review by George last December 5 and 13, 2012. I believe the applicant operator also sent to your office c/o George large format maps of their project area and cross-sections.

The proposed areas for exemption is within the administrative boundaries of the field (map 1). The operator has described these proposed areas close as practicable as possible in Section/Township/Range format to the 1992 productive limits map (map 2 and appendix B). However, I would propose that based in the cross-section data, there is basis to extend the productive limits further so that the proposed areas for exemption may possibly cover the whole of sections 24 and 25 T9N/R33W, the whole of sections 36 and 31, and the western half of section 32, all in T9N/R33W. These are shown in map 2 with the yellow dotted squares. This approach would be practical and cognizant of possible future expansions in those areas.

Please let me know if you have any comments or questions. Thank you.

Jerry

[attachment "Map 4 - Cat Canyon Oil Field Freshwater Well Locations.pdf" deleted by George Robin/R9/USEPA/US] [attachment "1 Aquifer Exemption Summary Sheet.pdf" deleted by George Robin/R9/USEPA/US] [attachment "2 Agency and Public Comment Summary Sheet.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix A - Cat Canyon Oil Field 1971.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix B - Cat Canyon Oil Field 1991.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix C - ERG Cyclic Steam Process Flow Diagram.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix D - ERG proof of publication 1.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix E - ERG proof of publication 2.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix F - ERG proof of publication 3.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix G - ERG\_RWQCB\_Letter\_12\_21\_2012.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Appendix H - Correspondence ERG-RWQCB.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Map 1 - Cat Canyon Oil Field.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Map 2 - Cat Canyon Oil Field Well Locations and Leases.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Map 3 - Aquifer Exemption Cross Section Overview Map .pdf" deleted by George Robin/R9/USEPA/US] [attachment "Map 4 - Aquifer Exemption Cross Section Package A-A'.pdf" deleted by George Robin/R9/USEPA/US] [attachment "Map 5 - Aquifer

Name ▲	Size	Type
 1 Aquifer Exemption Summary Sheet.pdf	326 KB	Adobe Acrobat
 2 Agency and Public Comment Summary Sheet.pdf	172 KB	Adobe Acrobat
 Appendix A - Cat Canyon Oil Field 1971.pdf	2,128 KB	Adobe Acrobat
 Appendix B - Cat Canyon Oil Field 1991.pdf	982 KB	Adobe Acrobat
 Appendix C - ERG Cyclic Steam Process Flow Diagram.pdf	422 KB	Adobe Acrobat
 Appendix D - ERG proof of publication 1.pdf	46 KB	Adobe Acrobat
 Appendix E - ERG proof of publication 2.pdf	47 KB	Adobe Acrobat
 Appendix F - ERG proof of publication 3.pdf	45 KB	Adobe Acrobat
 Appendix G - ERG_RWQCB_Letter_12_21_2012.pdf	52 KB	Adobe Acrobat
 Appendix H - Correspondence ERG-RWQCB.pdf	202 KB	Adobe Acrobat
 Map 1 - Cat Canyon Oil Field.pdf	1,434 KB	Adobe Acrobat
 Map 2 - Cat Canyon Oil Field Well Locations and Leases.pdf	1,557 KB	Adobe Acrobat
 Map 3 - Aquifer Exemption Cross Section Overview Map .pdf	1,375 KB	Adobe Acrobat
 Map 4 - Aquifer Exemption Cross Section Package A-A'.pdf	645 KB	Adobe Acrobat
 Map 5 - Aquifer Exemption Cross Section Package B-B'.pdf	654 KB	Adobe Acrobat
 Map 6 - Cat Canyon Oil Field Freshwater Well Locations.pdf	1,379 KB	Adobe Acrobat